

LEONOV, Georgiy Pavlovich -- awarded sci degree of Doc Geologo-Mineral-
ological Sci for the 18 Nov 57 defense of dissertation: "Basic ques-
tions of the regional stratigraphy of Palaeogene deposits of Russian
freestone [or flagstone]" at the Council, Mos State Univ; Prot No 14,
31 May 58.

(BMVO, 11-58,19-20)

LEONOV, G.P.

New data on the Mesozoic stratigraphy of the upper Amur Valley.
Biul. MOIP. Otd. geol. 34 no.5:151 S-0 '59. (MIRA 14:6)
(Amur Valley--Geology, Stratigraphic)

BARKOVSKAYA, K.S.; BEZBORODOV, R.S.; BROD, I.O., prof., doktor geol.-mineral. nauk; BUN'KOV, M.S.; GRINFEL'D, M.I.; ZHIVAGO, H.F.; IBRAGIMOV, D.M.; KUDRYAVTSEV, M.P.; LEONOV, G.P.; MOSKVIN, M.M.; NAZAROV, R.I.; NESMEYANOV, D.V.; NIKOLENKO, V.A.; VYSOTSKIY, I.V., nauchnyy red.; RUSAKOVA, L.Ya., vedushchiy red.; YASHCHURZHINSKAYA, A.B., tekhn.red.

[Geology of the eastern part of the northern slope of the Caucasus]
Geologicheskoe stroenie vostochnoi chasti severnogo sklona Kavkaza.
Pod red. I.O.Broda. Leningrad, Gos.nauchno-tekhn.izd-vo nef. i gorno-
toplivnoi lit-ry, Leningr.otd-nie, 1960. 319 p. (Trudy Kompleksnoi
IUzhnoi Geologicheskoi Ekspeditsii, no.2). (MIRA 13:11)

1. AN SSSR. Kompleksnaya Yuzhnaya Geologicheskaya Ekspeditsiya, 1956-.
2. Vsesoyuznyy nauchno-issled.institut gazovoy promyshlennosti (for Zhivago, Kudryavtsev).
3. Kafedra istoricheskoy i regional'noy geologii (for Leonov, Moskvina).

(Caucasus, Northern--Geology)

LEONOV, G.P.

Correlation between the Paleocene and lower Eocene sediments of the Russian Platform and Northern Caucasus. Sov. geol. 3 no.3:17-27 Mr '60. (MIRA 13:11)

1. Moskovskiy gosudarstvennyy universitet imeni M.V.Lomonosova.
(Russian Platform--Geology, Stratigraphic)
(Caucasus, Northern--Geology, Stratigraphic)

LEONOV, G.P.

Relationship between Paleogene upper horizons of the East European
Plain and the Northern Caucasus. *Biul. MOIP. Otd. geol.* 35 no.5:
62-82 S-O '60. (MIRA 14:1)

(East European Plain--Geology, Stratigraphic)

(Caucasus, Northern--Geology, Stratigraphic)

LEONOV, Georgiy Pavlovich; VELIKOVSKAYA, Ye.M., red.

[Basic problems of the regional stratigraphy of Paleogene
sediments in the Russian Platform] Osnovnye voprosy regional'-
noi stratigrafii paleogenovykh otlozhenii Russkoi plity. Mo-
skva, Izd-vo Mosk. univ., 1961. 552 p. diagrams. (MIRA 14:8)
(Russian Platform--Geology, Stratigraphic)

LEONOV, G.P.; ZHIVAGO, N.V.

Some problems of the Upper Jurassic stratigraphy of Daghestan.
[Uch.zap.] Mosk.un. no.192:26-58 '61. (MIRA 15:7)
(Daghestan--Geology, Stratigraphic)

KAZAKOVA, V.P.; LEONOV, G.P.

Problem of the stratigraphic position and age of the so-called
"Oncophora beds" in the northern Yergeni Hills. Biul. MOIP.
Otd. geol. 36 no.2:39-62 Mr-Apr '61. (MIRA 14:7)
(Yergeni Hills--Geology, Stratigraphic) (Quartz)

BARSANOV, G.P., doktor geol.-mineral. nauk, prof., red.; KRUTOV, G.A.,
prof., doktor geol.-mineral. nauk, red.; GORSHKOV, G.P., prof.,
doktor geol.-mineral. nauk, red.; SERGEYEV, Ye.M., doktor geol.-
mineral. nauk, prof., red.; ZABOROVSKIY, A.I., prof., doktor fiz.-
mat. nauk, red.; LEONOV, G.P., red.; LAZAREVA, L.V., tekhn. red.

[Papers of the Faculty of Geology of Moscow University; for the
21st session of the International Geological Congress] Sbornik
trudov geologicheskogo fakul'teta Moskovskogo universiteta; k
XXI sessii Mezhdunarodnogo geologicheskogo kongressa. Moskva,
Izd-vo Mosk. univ., 1961. 222 p. (MIRA 15:2)
(Geology--Congresses)

LEONOV, G.P.

Some problems of the stratigraphy of Paleogene sediments in the
lower Volga Valley. Biul.MOIP Otd.geol. 37 no.1:85-100 Ja-F '62.
(MIRA 15:2)

(Volga Valley---Geology, Stratigraphic)

SERGEYEV, Ye.M., red.; LEONOV, G.P., red.; ZHUKOVSKIY, S.Ya., red.;
DOBRUSKINA, I.A., red.; GEORGIYEVA, G.I., tekhn.red.

[Geology and characteristics of the engineering geology of the
upper Amur Valley] Voprosy geologicheskogo stroeniia i inzhenerno-
geologicheskoi kharakteristiki doliny verkhnego Amura. Moskva,
Izd-vo Mosk.univ., 1962. 171 p. (MIRA 15:5)
(Amur Valley--Geology) (Amur Valley--Engineering geology)

LEONOV, G.P.

Cyclicity in the history of the earth. Vest.Mosk.un.Ser.4:Geol.
17 no.4:3-12 J1-Ag '62. (MIRA 15:9)

1. Kafedra istoricheskoy i regional'noy geologii Moskovskogo
gosudarstvennogo universiteta.
(Geology, Structural)

LEONOV, G.P.

Correlation of Upper Paleogene horizons in the Soviet Carpathians,
Northern Caucasus, Ukraine, and northern Aral Sea region. Vest.
Mosk.un.Ser.4: Geol. 17 no.5:3-6 S-O '62. (MIRA 15:11)

1. Kafedra istoricheskoy i regional'noy geologii Moskovskogo
universiteta.

(Geology, Stratigraphic)

BABICHEV, Ye.A.; BUROVA, N.N.; GOLODKOVSKAYA, G.A.; DOBRUSKINA, I.A.;
KAGNER, M.N.; KONOPLEVA, V.I.; KRASILOVA, N.S.; LEONOV, G.P.;
MURZAYEVA, V.E.; PODRABINEK, R.A.; PHYAKHIN, A.I.; RYZHOV,
B.V.; SERGEYEV, Ye.M.; FEDOROV, T.O.; FIDELLI, I.F.; EPSHTEYN,
G.M. [deceased]; SHCHEKHURA, I.I., red.; GEORGIYEVA, G.I., tekhn.
red.

[Geology and engineering geology of the upper Amur Valley] Geo-
logicheskoe stroenie i inzhenerno-geologicheskaya kharakte-
ristika doliny Verkhnego Amura. Moskva, Izd-vo Mosk. univ.,
1962. 317 p. (MIRA 16:3)

(Amur Valley--Geology)

(Amur Valley--Engineering geology)

LEONOV, G.P.

Stage divisions of Paleogene sediments in the U.S.S.R. Vest.
Mosk. un. Ser. 4: Geol. 18 no.4:34-35 J1-Ag '63. (MIRA 16:10)

1. Kafedra istoricheskoy i regional'noy geologii Moskovskogo
universiteta.

BOGDANOV, A.A., prof.; YERMAKOV, N.P.; KOPTEV-DVORNIKOV, V.S.;
KRASHENINNIKOV, G.F.; LEONOV, G.P.; SMIRNOV, V.I. akad.

International Geological Congress in New Delhi. Vest.

Mosk. un. Ser. 4: Geol. 20 no.3:3-16 My-Je '65.

(MIRA 18:7)

LEONOV, G.P.; ALIMARINA, V.P.; NAYDIN, D.P.

Principles and methods of isolating the stage subdivisions of
a standard scale. Vest. Mosk. un. Ser. 4: Geol. 20 no.4:15-28
Jl-Ag '65. (MIRA 18:9)

1. Kafedra istoricheskoy i regional'noy geologii Moskovskogo
universiteta.

21(7)

AUTHORS:

Zaytsev, A. A., Leonov, G. S., Savchenko, I. A.

SOV/56-36-4-68/70

TITLE:

On the Oscillations of Plasma Electrons (O kolebaniyakh elektronov plazmy)

PERIODICAL:

Zhurnal eksperimental'noy i teoreticheskoy fiziki, 1959, Vol 36, Nr 4, pp 1332-1334 (USSR)

ABSTRACT:

The authors of the present "Letter to the Editor" deal with investigations of electronic oscillations in plasmas of viscous gases at pressures of from $3 \cdot 10^{-1}$ to $5 \cdot 10^{-4}$ torr. Recording of the oscillation was carried out by means of a heterodyne circuit with an independent generator for the decimeter range and an independent amplifier for the intermediate frequencies. Work was carried out at a frequency of 30 megacycles on the 10 megacycle band. The upper limit at which regular oscillations could still be observed was found to be independent of the nature of the gas (He: $2 \cdot 10^{-1}$, Ar: 10^{-2} , Ne: $6 \cdot 10^{-3}$ torr). For the purpose of solving the problem of oscillation excitation it is of great importance to investigate oscillation distribution along the discharge axis; hitherto, such investigations have not been carried

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On the Oscillations of Plasma Electrons

SOV/56-36-4-68/70

out without probe influences. The authors endeavored to eliminate these influences and to investigate the non-influenced oscillation distribution. For this purpose they used a cylindrical tube of 7 cm diameter and an electrode gap of 2.2 cm. A figure shows the distribution of oscillation intensities at a pressure for which the free length of path of the primary electrons were great as against the electrode gap; in the diagram the intensities in dependence on the distances between the probe and the cathode are plotted. It was found that the oscillation distribution, which is representable by a periodic function, has amplitudes which increase in the direction towards the anode. The intensity of oscillations and the coefficient of increase grow with a decrease of pressure. Oscillation intensity may vary by more than the thousandfold under these experimental conditions along the beam. At sufficiently high pressures, if electron free length of path is small with respect to the electrode gap, the oscillations are damped towards the anode, and one maximum only can be found. Measurements showed that the spatial oscillation period can be well approximated by the formula $l = 2\pi v_0 / \omega$ (v_0 = velocity of electrons in the beam [cm/sec], and ω = cyclic

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On the Oscillations of Plasma Electrons

SOV/56-36-4-68/70

frequency of the observed oscillations). Within the range of sufficiently strong oscillations an anomalous scattering of the primary beam can be visually observed. This fact is, finally, discussed in short. There are 1 figure and 4 references.

ASSOCIATION: Moskovskiy gosudarstvennyy universitet (Moscow State University)

SUBMITTED: February 19, 1959

Card 3/3

LEONOV, G.S. (Moskva); POGOSYAN, V.A. (Moskva)

Theory of weak diffusion waves. PMTF no.5:18-23 '63.

(MIRA 16:11)

I 63081-65

ACCESSION NR: AP5013345

UR/0109/65/010/005/0913/0921
533.95:538.12

AUTHOR: Zaytsev, A. A. Leonov, G. S.

TITLE: Investigation of moving strata in d-c discharge

SOURCE: Radiotekhnika i elektronika, v. 10, no. 5, 1965, 913-921

TOPIC TAGS: dc discharge, stratified discharge

ABSTRACT: The results are reported of an experimental investigation of the stratified positive column in a d-c discharge in He, Ne, A, and Xe at 0.1-10 torr. Glass discharge tubes 30-80-cm long and 0.5-3-cm in diameter were used. Strata observation or measurement was carried out by means of one beam of a two-beam oscillograph; the second beam simultaneously measured the discharge current or electrode voltage. The effect of shf (wavelength, 1.2-3 cm) excitation on plasma oscillations in the anode region and in the positive column was also studied. It was found that the feedback via the external circuit is not the necessary condition of existence of moving strata. Natural moving strata occur when small plasma disturbances in the positive column can amplify them-

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I. 63081-65

ACCESSION NR: AP5013345

selves (the gain parameter, $\delta > 0$). The attenuating strata are not spontaneous; rather, they are forced by other oscillations localized in the near-electrode regions. In the case of natural strata, δ can be determined by measuring the strata luminance in the region of their linear amplification. With high δ , the role played by the external feedback is reduced to frequency and phase stabilization. When other modes (not synchronized with the strata) are present, they give rise to irregular strata. The latter can be regularized by application of an external periodic force. Orig. art. has: 5 figures, 5 formulas, and 4 tables.

ASSOCIATION: Moskovskiy gosudarstvennyy universitet im. M. V. Lomonosova (Moscow State University)

SUBMITTED: 12Feb64

ENCL: 00

SUB CODE: EC, EE

NO REF SOV: 007

OTHER: 003

Card 2/2

LEONOV, Gennadiy Vasil'yevich; PEREVALYUK, M.V., red. izd-va;
KOMAROVSKAYA, L.A., tekhn. red.

[One-story industrial buildings made of large precast reinforced-concrete elements] Odnoetazhnye promyshlennye zdaniia iz sbornykh zhelezobetonnykh krupnorazmernykh elementov; opyt Krasnoiarskogo Sovnarkhoza. Moskva, Gosstroizdat, 1962. 69 p. (MIRA 15:6)
(Industrial buildings)
(Precast concrete construction)

LEONOV, I.A.

Mastering the production of high-density woven wire cloth.
Metallurg 5 no.8:32-33 Ag '60. (MIRA 13:7)

1. Zavod stal'noy provoloki i metallicheskih sit im.Lepse.
(Wire netting)

LEONOV, I.A., inzh.; BELOVA, A.I., inzh.

Drawing of rods made of continuously cast metal. Stal' 22
no.3:282 Mr '62. (MIRA 15:3)
(Wire drawing) (Continuous casting)

LEONOV, I. D.

"Decoction of sorrel roots in dermatoses in the hobble area."

SO: Veterinariia 24(8), 1947, p. 45.

LEONOV, I.D., (Kirovograd)

Prevention and surgical therapy of callosities. Fel'd. i akush.
no.10:30-32 0 '54. (MLRA 7:11)

(CALLOSITIES,
prev. & surg.)

COUNTRY : USSR
 CATEGORY : General problems of pathology. Tumors. Comparative oncology
 ABST. JOUR. : RZh101., No. 12 1958, No. 56422
 AUTHOR : Sergeyev, D.M., Leonov, I.D.
 TITLE : Experimental Treatment with Phytocides of Carcinoma of Certain Forms of Precancer of the Lip
 ORIG. PUB. : Sb. Nauchn. Rabot Vrachey Kirovogradsk. Obl., 1957, No.1, 59-61
 ABSTRACT : Observations were made of 194 patients with large-tumorous diseases of the lip. 69 (35.5%) were residents of the city and 125 (64.5%) lived in agricultural settlements. The author explains this ratio in terms of the influence of meteorologic factors acting on the area of the lip and face of persons working in the open air. 134 (70%) were men, and 60 (30%) were women. 70.3% were of middle age. 106 (54.1%) of the patients showed focal hyperkeratoses, 54 (27.8%) leukoplakia, 14 (7.2%) fissures of the lip, 7 (3.6%) simple ulcer of the lip, and 2 a suspicion of cancer of the lip. The patients were subjected to 1/2

CARD:

LEONOV, Ivan Davydovich; SHLEPINA, M.M., redaktor; KIRSANOVA, N.A.,
 tekhnicheskly redaktor.

[On the road of technical progress] Po puti tekhnicheskogo progressa.
 Moskva, Izd-vo VTsSFS Profizdat, 1955. 54 p. (MLRA 9:5)

1. Frezerovshchik Leningradskogo Kirovskogo zavoda (for Leonov).
 (Efficiency, Industrial)

LEONOV, Ivan Davydovich, frezerovshchik, delegat XXII s"ezda Kom-
munisticheskoy partii Sovetskogo Soyuza; PCHELKIN, Yu.V.,
red.; PRESNOVA, V.A., tekhn. red.

[Twice as fast]Vdvoe bystree. Leningrad, Lenizdat, 1962. 74 p.
(MTRA 15:9)

1. Kirovskiy zavod (for Leonov).
(Leningrad—Tractor industry—Technological innovations)
(Socialist competition)

LEONOV, Ivan Davydovich; ARKHAROVA, V.G., red.; LEVONEVSKAYA,
L.G., tekhn. red.

[Hello, Cuba! Two weeks on the island of freedom] Zdravstvui,
Kuba! Dve nedeli na ostrove svobody. Leningrad, 1963. 86 p.
(MIRA 16:10)

1. Novator Kirovskogo zavoda, zamestitel' Predsedatelya
Verkhovnogo Soveta BSFSR (for Leonov).
(Cuba—Description and travel)

SERGEYEV, D.M.; LEONOV, I.D.

Trial treatment of some precancerous forms of lip lesions with
garlic. Vop.onk. 4 no.2:205-206 '58. (MIRA 12:8)

1. Iz Kirovogradskogo oblastnogo onkologicheskogo dispansera
(glavnyy vrach - D.M.Sergeyev). Adres avtorov: Kirovograd, ul.
K.Libknekhta, 81, Oblonkodispenser.

(GARLIC ther. use

precancerous lesions of lips (Rus))

(LIPS, dis.

precancerous lesions, ther., garlic (Rus))

LEONOV, I. D.

Public Health, Rural

Struggle of medical workers to improve the health of the population of collective farms. Med.sestra 5, 1952.

Monthly List of Russian Accessions, Library of Congress, August 1952. Unclassified.

LEONOV, I.D.

ABAKUMOVA, V.I.: LEONOV, I.D.

Collective Farms

Public health measures on collective farms., Sov. zdrav., 11, No. 1, 1952.

9. Monthly List of Russian Accessions, Library of Congress, April 1952 ~~APR~~, Uncl.

1. LEONOV, I. D.
2. USSR (600)
4. Hospitals--Management and Regulation
7. Control of the carrying out of doctor's orders in a hospital. Med. sestra no. 12 1952.

9. Monthly List of Russian Accessions, Library of Congress, April 1953, Uncl.

ZAGLADA, Nadozhda Grigor'yevna, zven'yevaya, Geroy Sotsialisticheskogo Truda; LEONOV, Ivan Danilovich, Deputat Verkhovnogo Soveta RSFSR, frezerovshchik; KARPINSKIY, Vyacheslav A Alekseyevich, Geroy Sotsialisticheskogo Truda; MALYSHEV, V., red.; TROYANOVSKAYA, N., tekhn. red.

[Soviet people are the builders of communism] Sovetskie liuditvortsy kommunizma. Moskva, Gospolitizdat, 1962. 30 p.

(MIRA 15:11)

1. Kolkhoz "Pervoye maya" Zhitomirskoy oblasti (for Zaglada).
2. Leningradskiy Kirovskiy zavod (for Leonov).
(Efficiency, Industrial) (Agriculture—Labor productivity)

LEONOV, I.D. (Lipetsk)

Squall and hurricane in Voronezh. Priroda 51 no.12:106-107
D '62. (MIRA 15:12)
(Voronezh--Storms)

LEONOV, I.F., starshiy master.

Making loops for freight cables. Energetik 1 no.2:12-13 J1 '53.
(MLRA 6:8)
(Cables)

LEBEDEV, S.I., prof., doktor biolog.nauk, otv.red.; KOVBASYUK, S.M., dotsent, kand.istor.nauk, red.; PAZYUK, L.I., dotsent, kand.geologo-mineral.nauk, red.; KIRILLOV, Ye.A., prof., doktor fiziko-matemat.nauk, zasluzhennyi deyatel' nauki USSR, red.; TSESEVICH, V.P., prof., doktor fiziko-matemat.nauk, red.; LEONOV, I.G., dotsent, kand.istor.nauk, red.; VOROB'YEV, A.I., prof., doktor biolog.nauk, red.; GAVRILOV, N.I., prof., doktor fiziko-matemat.nauk, red.; MOROZOV, A.A., prof., doktor khim.nauk, red.; DANILENKO, K.Ye., dotsent, kand.filolog.nauk, red.; MIGAL', K.G., dotsent, kand.istor.nauk, red.; SMIRNOV, A.M., dotsent, kand.geograf.nauk, red.; BABICH, N.M., tekhn.red.

[Scientific yearbook for 1956] Nauchnyi ezhegodnik 1956 g. Odessa, 1957. 388 p. (MIRA 12:4)

1. Odessa. Universitet. 2. Deystvitel'nyy chlen Ukrainskoy Akademii sel'skokhoz.nauk, zaveduyushchiy kafedroy fiziologii rasteniy Odesskogo gosudarstvennogo universiteta im. I.I.Mechnikova (for Lebedev). 3. Zaveduyushchiy kafedroy istorii Ukrainskoy SSR Odesskogo gosudarstvennogo universiteta im. I.I.Mechnikova (for Kovbasyuk). 4. Zaveduyushchiy

(Continued on next card)

LEONOV, I. I.

"Wine From the Stalks of Chinese Sugar Cane." Cand Tech Sci, Moscow Inst of National Economy imeni G. V. Plekhanov, 19 Feb 54. Dissertation (Vechernyaya Moskva Moscow, 10 Feb 54)

SO: SJM 186, 19 Aug 1954

LEONOV, I. I.

AUTHOR: Leonov, I.I., Candidate of Technical Sciences 3-58-2-13/33

TITLE: Proper Relationship Between the Types of Studies Planned by the Chair (Kafedra namechayet pravil'noye sootnosheniye mezhdu formami zanyatiy)

PERIODICAL: Vestnik Vysshey Shkoly, 1958, # 2, pp 61-63 (USSR)

ABSTRACT: The article sets forth the deficiencies noted in teaching descriptive geometry and drawing, and gives particulars on the modifications introduced by the Khimiko-tekhnologicheskii fakultet (Chemico-Technological Faculty) of the Kiev Technological Institute of Light Industry.

The author suggests that entrance drawing examinations be introduced in all technical vuz's. Students should also be given more home exercises in geometric drawing. Drawing itself must be more closely adapted to the institute's speciality.

The Kafedra inzhenernoy grafiki (Chair of Engineering Graphics) has organized additional consultations for carrying out home exercises and a greater variety of exercises in each speciality is now being given to the students.

Card 1/2

3-58-2-13/33

Proper Relationship Between the Types of Studies Planned by the Chair

ASSOCIATION: Kiyevskiy tekhnologicheskoy institut legkoy promyshlennosti
(Kiyev Technological Institute of Light Industry)

AVAILABLE: Library of Congress

Card 2/2

LEONOV, I.I., inzh.

Transistor resistance relay based on a principle of the comparison of phases of electrical magnitudes. Izv. vys. uvheb. zav.; energ. 6 no.12: 1-7 D '63. (MIRA 17:1)

1. Leningradskiy politekhnicheskij institut imeni Kalinina. Predstavlena kafedroy elektricheskikh stantsiy.

MALASHENKO, Ivan Nikitovich, Geroy Sotsialisticheskogo Truda; LEONOV, I.I.,
red.; GUREVICH, M.M., tekhn. red.

[Three hundred and seventy-four lambs from one hundred ewes in two
years] 374 iagnenka ot 100 matok za dva goda. Moskva, Gos. izd-vo
sel'khoz. lit-ry, 1960. 52 p. (MIRA 14:8)
(Sheep breeding)

GRISHIN, Konstantin Nikolayevich; Leonov, I.I., red.; DEYEVA, V.M.,
tekhn.red.

[Over-all mechanization is the basic factor in increasing labor
productivity on livestock farms] Kompleksnaya mekhanizatsiya -
osnova povysheniya proizvoditel'nosti truda v zhivotnovodstve.
Moskva, Gos.izd-vo sel'khoz.lit-ry, 1960. 86 p. (MIRA 13:9)

1. Pervyy sekretar' Vladimirovskogo obkoma Kommunisticheskoy partii
Sovetskogo Soyuza (for Grishin).
(Farm mechanization) (Stock and stockbreeding)

SHLYAKHMAN, A.A.; LEPETOV, V.A.; LEONOV, I.I.

Hydraulic strength of hose with metal braiding. Kauch. i rez.
23 no. 3:37-40 Mr '64. (MIRA 17:5)

1. Nauchno-issledovatel'skiy institut rezinovoy promyshlennosti.

LEONOV, I. M.

20898 Leonov, I. M. Vinograd v Sibiri. Sad'i ugorud, 1949, No. 6, s. 38-40

SC: LETOPIS ZHURNAL STATEY - Vol. 28, Moskva, 1949

LEONOV, I. M., ed.

Dostizheniia sibirskikh sadovodov - mehurintsev [Achievements of Siberian Michurinist horticulturists]. Novosibirsk, Oblastnoe izd-vo, 1952. 220 p.

SO: Monthly List of Russian Accessions, Vol. 6, No. 5, August 1953.

LEONOV, I. M.

The Committee on Stalin Prizes (of the Council of Ministers USSR) in the fields of science and inventions announces that the following scientific works, popular scientific books, and textbooks have been submitted for competition for Stalin Prizes for the years 1952 and 1953. (Sovetskaya Kultura, Moscow, No. 22-40, 20 Feb - 3 Apr. 1954)

<u>Name</u>	<u>Title of Work</u>	<u>Nominated by</u>
Leonov, I. M.	"Varieties of Fruit and Berry Crops"	Central Genetic Fruit and Berry Laboratory Imeni I. V. Michurin

SO: W-30604, 7 July 1954

LEONOV, I. M.

LEONOV, I. M.: "The selection and number of varieties of apples in Siberia".
Leningrad, 1955. Min Higher Education USSR. Leningrad Agricultural Inst.
(Dissertations for the degree of Doctor of Agricultural Science.)

SO: Knizhnaya Letopis' No. 50 10 December 1955. Moscow.

SALAMATOV, Mikhail Nikolayevich, nauchnyy sotr., kand. sel'khoz.
nauk; LEONOV, I.M., red.; MALYUKOVA, N.V., red. izd-va;
MAZUROVA, A.F., tekhn. red.

[Sour cherry in Western Siberia] Vishnia v Zapadnoi Sibiri.
Novosibirsk, Izd-vo Sibirskogo otd-niia Akad. nauk SSSR,
1959. 188 p. (MIRA 15:10)

1. Botanicheskiy sad Sibirskogo otdeleniya Akademii nauk
SSSR (for Salamatov).
(Siberia, Western--Cherry)

LEONOV, I.P., kandidat tekhnicheskikh nauk; KOVRYZHKIN, V.F., inzhener.

Present status and development of shipbuilding techniques. Sudostro-
enie 22 no.3:23-30 Mr '56. (MLRA 9:8)
(Shipbuilding)

MEONOV, I.F., kand. tekhn. nauk

Network planning and industrial management. Sudostroyeniye no. 6:66. '5
(MIRA 12:19)
St 165.

LEONOV, I.P., kandidat tekhnicheskikh nauk, otvetstvennyy redaktor;
SMIRNOVA, D.P., redaktor; NIKITINA, A.D., redaktor; DMITRENKO, M.A.,
tekhnicheskiiy redaktor

[A collection of instructive articles on shipbuilding; based on
material at the all-Union industrial exhibition] Sbornik informa-
tsionnykh statei dlia sudostroitelei; po materialam Vsesoiuznoe
promyshlennoi vystavki. [Leningrad] Gos.soiuznoe izd-vo sudostroit.
promyshl., 1957. 400 p. (MIRA 10:11)

1. TSentral'nyy nauchno-issledovatel'skiy institut tekhnologii
sudostroyeniya.
(Shipbuilding)

LEONOV, I.P., kandidat tekhnicheskikh nauk; TOLOTSKIY, Ye.S., doktor tekhnicheskikh nauk.

Development of Soviet shipbuilding. Sudostroenie 23 no.5:6-12 My '57.
(Shipbuilding) (MLRA 10:6)

LEONOV, I.S.; SEVAST'YANOV, S.I., starshiy nauchnyy sotrudnik

Dilution of lubricant in the 2D100 diesel engines. Elek. i tepl.
tiaga 3 no.3:21 Mr '59. (MIRA 12:5)

1. Zaveduyushchiy laboratoriyey teplovoznogo depo Liski (for Leonov).
2. Laboratoriya smazki Tsentral'nogo nauchno-issledovatel'skogo
instituta Ministerstva putey soobshcheniya.
(Diesel engines---Lubrication)

KLEBANOV, Boris Vladimirovich, inzh.; KUZ'MIN, Vladimir Grigor'yevich, inzh.; OREKHOV, Pavel Aleksandrovich, inzh.; PROSHIN, Georgiy Aleksandrovich, kand. tekhn. nauk; LEONOV, I.S., inzh. retsenzent; SOROKIN, A.A., inzh. retsenzent; SERDYUK, V.K., inzh. glav. red. MAYEVSKIY, V.V., inzh. red.; GORNOSTAYPOL'SKAYA, S.M., tekhn. red.

[Repairing motor vehicles and tractors] Remont avtomobilei i traktorov. Moskva, Gos. nauchno-tekhn. izd-vo mashinostroit. lit-ry. Pt. 1. 1961. 335 p.

(MIRA 14.5)

(Motor vehicles--Maintenance and repair) (Tractors--
Maintenance and repair)

KLEBANOV, Boris Vladimirovich, inzh.; KUZ'MIN, Vladimir Grigor'yevich, inzh.; MASLOV, Vladimir Ivanovich, inzh.; LEONOV, I.S., inzh., retsenzent; SOROKIN, A.A., inzh., retsenzent; PILIPENKO, Yu.P., inzh., red.; GORNOSTAYPOL'SKAYA, M.S., tekhn. red.

[Repair of motor vehicles and tractors] Remont avtomobilei i traktorov. Pod red. B.V.Klebanova. Moskva, Mashgiž. Pt.2. 1962. 301 p.
(MIRA 16:2)

(Motor vehicles---Maintenance and repair)
(Tractors---Maintenance and repair)

LEONOV, I. T.

"Kinetostatic Analysis of a Body-Forming Machine in Respect to Its Operational Parameters." Thesis for degree of Cand. Technical Sci. Sub 22 June 1949, Moscow Technological Inst. of Food Industry.

Summary 82, 18 Dec. 52, Dissertations presented for Degrees in Science and Engineering in Moscow in 1949. From Vechernyaya Moskva, Jan-Dec. 1949.

LEONOV, I.T.

Testing a new line for the production of tomato paste at the
Adyge Canning Factory. Kons. 1 ov. prom. 13 no.8:42-43 Ag '58.
(MIRA 11:9)

(Tomato paste)
(Adyge Autonomous Province--Canning industry--Equipment and supplies)

LEONOV, I.T.

Production line for the manufacture of peeled "whole canned tomatoes." Kons.i ov.prom. 17 no.6:6-7 Je '62. (MIRA 15:5)

1. Krasnodarskiy nauchno-issledovatel'skiy institut pishchevoy promyshlennosti.
(Canning industry--Equipment and supplies)

LEONOV, Il'ya Timofeyevich; NAMESTNIKOV, A.F., kand. tekhn. nauk,
spetsred.; KIMEL'NITSKAYA, A.Z., red.; FUKS, V.K., red.;
SATAROVA, A.M., tekhn. red.

[Automatic lines for the production of tomato paste; adjustment and operation regulations] Avtomatizirovannye linii dlia proizvodstva tomatnoi pasty; naladka i pravila ekspluatatsii. Moskva, Pishchepromizdat, 1962. 91 p. (MIRA 15:11)
(Assembly-line methods) (Tomato products)

LEONOV, I.T.

Improving the performance of continuous production lines for the processing of tomato paste and tomato juice. Kons.i ov.prom. 17
no.12:16-18 D '62. (MIRA 15:12)

1. Krasnodarskiy nauchno-issledovatel'skiy institut pishchevoy
promyshlennosti.
(Tomato products) (Assembly-line methods)

CHUPAKHIN, Vasilii Mikhaylovich; DENISOV, F.A., inzh., retsenzent;
GUBAYDULLIN, R.I., prepodavatel', retsenzent; LEONOV,
I.T., dots., spets. red.; KUZ'MINA, V.S., red.

[Equipment for fish processing plants] Oborudovanie rybo-
obrabatyvaiushchikh predpriatii. Moskva, Pishchevaia
promyshlennost', 1964. 479 p. (MIRA 18:1)

1. Astrakhanskiy rybopromyshlennyi tekhnikum (for Gubaydullin).

LEONOV, I.V.

SHMEKKER, Ya.M.; MEGNINOV, A.A.; LEONOV, I.V.; LEONOV, P.P.

Method for manufacturing reagent sulfuric acid from gases of a
sulfuric acid system. Prom.energ. 11 no.6:31 Je '56.(MIRA 9:9)
(Sulfuric acid)

LEONOV, O.B., kand. tekhn. nauk; LEONOV, I.V.

Starting conditions of an engine. Izv. vys. ucheb. zav.;
mashinostr. no.12:100-110 '64. (MIRA 18:3)

1. Moskovskoye vyssheye tekhnicheskoye uchilishche imeni Baumana.

ACC NR: AP7005571

(N)

SOURCE CODE: UR/0145/66/000/011/0092/0096

AUTHOR: Leonov, O. B. (Candidate of technical sciences); Leonov, I. V. (Engineer)

ORG: None

TITLE: A combination system for control of a marine engine

SOURCE: IVUZ. Mashinostroyeniye, no. 11, 1966, 92-96

TOPIC TAGS: marine engineering, diesel engine, engine control system, hydraulic equipment, *marine engine, hydrofoil*

ABSTRACT: A combination control system is proposed for optimum acceleration of a marine diesel engine. The system includes two independent regulators (see Figure 1): an acceleration regulator for acceleration of the ship according to selected characteristics, and a static velocity regulator which fulfills the function of a remote control system and maintains a predetermined velocity. The interaction of the separate elements in the control system is illustrated in Figure 2. The acceleration regulator and static velocity regulator have a single common velocity gauge 1 and a common pressure transducer 2 which is a hydraulic power amplifier. The pressure transducer consists of a housing and a diaphragm 3 which controls the transfer cross section of overflow tube 4. The pressure of the velocity thrust against diaphragm 3 tends to restrict the rate at which oil runs into the overflow from the system through discharge nozzle 5 and thus balances the pressure in the overflow cavity of the transducer against the pressure of the velocity head. The design of the transducers for the con-

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UDC: 621.43

ACC NR: AP7005571

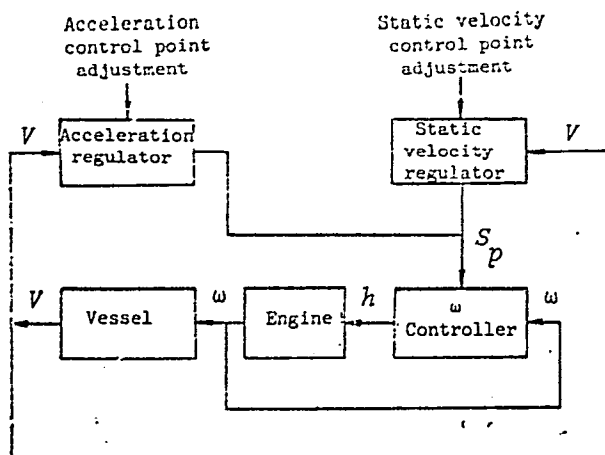


Fig. 1. Block diagram of the diesel ship control system: V —velocity of the ship, ω —angular rotational velocity of the engine, h —position of the regulator rod, S_p —engine control wheel

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ACC NR: AP7005571

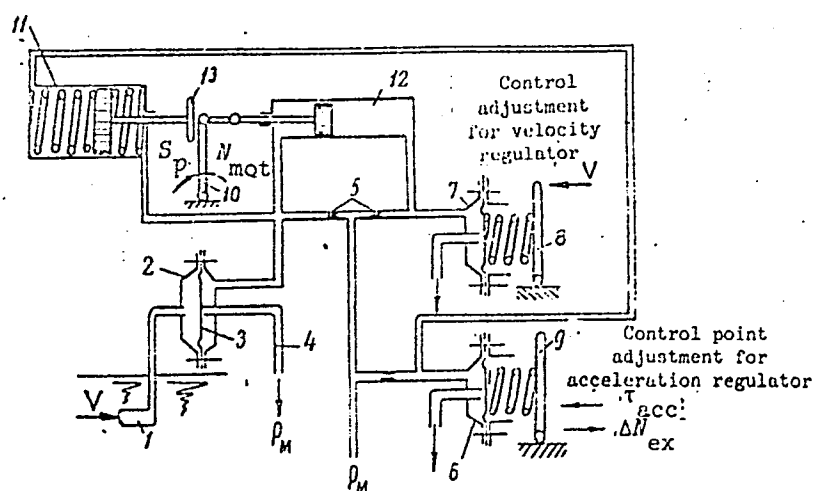


Fig. 2. Part of the schematic diagram of the diesel ship control system

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ACC NR: AP7005571

control point adjustments of acceleration regulator 6 and static velocity regulator 7 is similar to that of pressure transducer 2, the pressure created by these transducers being proportional to the displacements of control point adjustments 8 and 9. The motor control wheel 10 is acted upon by pressure equal to the velocity head and by pressure from the control point adjustment for static velocity 8. Thus if the velocity falls below the predetermined value, the engine control wheel automatically moves to increase engine power. The servomotor of acceleration regulator 11 limits the motion of the engine control wheel to a value which gives the proper optimum acceleration conditions. As velocity increases, limiter 13 in the acceleration regulator moves to increase engine power so that the motion of the engine control wheel conforms to velocity conditions. An alteration in acceleration conditions (acceleration time and excess engine power) is achieved by changing the pressure in the cavity of servomotor 11 produced by the control point adjustment for the acceleration regulator 9. Thus when the necessity arises for changing velocity, the control point adjustment of the acceleration regulator is set for the required acceleration conditions and the velocity control adjustment is set for the final velocity. Servomotor 12 of the static velocity regulator then brings the engine control wheel against the limiter 13 of the acceleration regulator. The article was presented for publication by Doctor of technical sciences A. S. Orlin, Professor at the Moscow Technical College im. N. E. Bauman. Orig. art. has: 4 figures.

SUB CODE:2/13/ SUBM DATE: 15Jan66/ ORIG REF: 03

Card 4/4

VYSOKCSOV, N.V.; DOVGELI, B.A.; LEONOV, I.Ye.; POPOV, N.M., red.;
TOKAREV, M., red.

[Planning state farm production and financial operations] Planirovanie proizvodstvenno-finansovoi deiatel'nosti sovkhoza. Izd. 2. Moskva, Vses.zaochnye uchetye kursy (VZUK). No.1. [Planning state farm production (lectures three-six)] Planirovanie proizvodstva v sovkhozakh (lektsii tret'ia-shestaia). 1960. 63 p.
(MIRA 15:1)

(State farms--Finance)

LEONOV, K.

USSR/ Electronics

Card 1/1 Pub. 89 - 32/32

Authors : Gaft, M., Varskiy, B., Fayzulaev, B., and Leonov, K.

Title : Exchange of experiments

Periodical : Radio 2, pages 24, 33 43, and 59, Feb 1955

Abstract : The following innovations and devices are briefly described: a triode converter for the 6N15P tubes used in amateur television sets and UHF radio receivers; a universal brace for holding coil bodies in place on a winding machine; a method for eliminating self-excitations in an intermediate frequency amplifier; and a method for calibrating scales on measuring instruments. Circuit diagrams; drawings.

Institution:

Submitted:

LEONOV, K. F.

Leonov, K. F. MANUFACTURE OF REFRACTORIES FOR GLASS THERMATES. State Chem. Trust, Moscow and Leningrad, 1963. 61 pp. Price 45 kopeks. Reviewed in *Keram. i Stklo*, 9 (19) 37 (1963). This book describes in a popular way with practical data the requirements of refractories used in the glass industry and the manufacture of glass brick.

LEONOV, K. F.

"Fireproofing standards for blast furnaces,"

Ogneupory, No. 1, 1948

Refractories 8/17/48

BC-1

1447. STANDARDIZATION OF REFRACTORIES FOR BLAST-FURNACE LININGS.
K.F. Leonov (Ogneupory, 13, 33, 1948). New Russian standards for
firebricks were issued in September, 1947. They include raising the content
of $Al_2O_3 + TiO_2$ from 38 to 39% lowering the Fe_2O_3 content from 2 to 1.6%
raising the mechanical strength of certain types of brick and lowering
porosity from 21-23 to 19%. Two new wedge-shaped bricks of $230 \times 150 \times 110 \times$
75 mm. are added to the list of available bricks. (1 table)

BCS

REFRACTORIES.

1383. THE SERVICE OF REFRACTORIES IN GLASS-TANKS.
K. F. Leonov and A. I. Morozova (Ogneupory, 16, 459,
1951). In modern Russian Glass-tanks (c. 98 ft. long
and c. 20 ft. wide) all the tank above the glass level
is made with standard silica blocks. For the reconstruction
of 1 glass tank, 700 t. of special silica and 600 t. of
normal silica are required and 400 t. and 100 t. respec-
tively for the repair of 1 tank.

LEONOV, K.; GOLUBEV, A.

Methods of speedy repair of glass tank furnaces. Tr. from the Russian.

p. 203
Vol. 6, no. 9, Sept. 1955
SZKLO I CERAMIKA
Warszawa

S0: Monthly List of East European Accessions (EFAL), LC, Vol. 5, no. 3
March 1956

LEONOV, A.F.

GOLUBEV, A.A.; LEONOV, K.F.

There should be an improvement in the design of tank furnace threats.
Stek 1 ker. 12 no.11:10-15 H '55. (MIRA 9:1)

1.Soyuzsteklostroy.
(Glass manufacture) (Furnaces)

LEONOV, K.F.

The use of quartz, highly aluminous and kaolin skids in glass tank furnaces. Ogneupory 20 no.3:121-124 '55. (MIRA 8:8)

1. Glavnoye upravleniye stroitel'nogo stekla Ministerstva promyshlennosti stroitel'nykh materialov SSSR.
(Refractory materials) (Furnaces)

LEONOV, K.F., inshener.

Projected plan for the complex standardisation of refractory materials. Standartizatsiia no.4:27-29 J1-Ag '56. (MLBA 9:11)

1. Komitet standartov, mer i izmeritel'nykh priborov.
(Refractory materials--Standards)

LEONOV, K.F., inzhener.

Glass tubes and flange couplings. Standartizatsia no.6:55-58
N-D '56. (MIRA 10:1)

1. Komitet standartov, mer i izmeritel'nykh priborov.
(Pipe, Glass--Standards) (Flanges--Standards)

LEONOV, K.F.

AUTHOR: Leonov, K.F., Engineer

28-1-14/42

TITLE: Foundry Silicates (Silikaty dlya liteynogo proizvodstva)

PERIODICAL: Standartizatsiya, # 1, Jan-Feb 1957, p 51-52 (USSR)

ABSTRACT: The article contains brief information on the use of water glass in the making of foundry molds, and the new standards "ГОСТ 8263-56" for soluble (block) sodium silicate and "ГОСТ 8264-56" for water glass (technical sodium silicate) for foundry use. These standards will go into effect on 1 April 1957. The first of the mentioned standards covers soda and sulfate sodium silicate of three grades: "A" with module (ratio of silicon dioxide gram-molecule number to sodium oxide) 2-2.30; "B" with module 2.31-2.60; and "B" with module 2.61-3.00. The second standard deals with soda, soda-sulfate and sulfate water glass with the same modules. Molding compounds mixed in water glass are in use at the Novo-Kramatorsk, Staro-Kramatorsk, Uralmashzavod, Venyukovo, and other machine-building plants for casting heavy parts. It is stated that hardening of molds is very fast and is being hastened by blowing through punctures or drilled holes in the mold. The subsequent treatment with hot gases containing a small quantity of carbon dioxide inhibits hardening but imparts high strength to

Card 1/2

Foundry Silicates

28-1-14/42

molds. Parts cast in molds made of earth mixed in water glass
require only minimum machining.

AVAILABLE: Library of Congress

Card 2/2

LEONOV, K. F.

AUTHOR: Leonov, K.F., Engineer

28-5-11/30

TITLE: A New Branch of Production (Novaya otrasl' proizvodstva)

PERIODICAL: Standartizatsiya, 1957, # 5, p 47-48 (USSR)

ABSTRACT: The article deals with the applications and the properties of glass fibers, to which much attention is being paid in the USSR and abroad. The advantages of glass fibers as compared with other materials are considered and the fields of application are enumerated (textiles, insulating materials, radio industry, electrical engineering, filters for chemical industry). A number of Soviet plants is producing glass wool, mats, glass fiber band, continuous textile fabric, etc.

In the future, this glass fiber production will continue to grow. A special All-Union scientific research institute for glass fibers has been organized. There are six state standards for glass fiber products.

Combinations of glass fibers with plastics open enormous perspectives for electrical engineering, machinebuilding and other fields of industry. Experience with production and use of glass fiber-reinforced plastic pipes has shown that such pipes can replace welded steel tubes of the same diameter while their weight is ten times less than that of the steel pipes. The

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A New Branch of Production

28-5-11/30

use of "steklotekstolit", which is a glass fiber-reinforced plastic, considerably increased during 1956. Standards will be developed during 1958-1960 for products made of staple glass fibers (threads, felts, fabrics, etc.); for products of superfine glass fibers (of 2-3 microns and less than 1 micron thickness) for filters and sound insulation; for products of colored glass fibers (threads and fabrics), for marking wires in the cable industry, for products of glass fibers of higher mechanical strength and heat resistance for production of high-strength "steklotekstolit". Simultaneously with the development of the aforementioned state standards, a project for "Classification of Electric Machines and Devices with Glass Fiber Insulation" will be developed. Such insulation will save a considerable quantity of non-ferrous metals and improve the safety of the work in mines.

ASSOCIATION: Committee of Standards, Measures and Measuring Devices (Komitet standartov, mer i izmeritel'nykh priborov)

AVAILABLE: Library of Congress

Card 2/2

Leonov, K.F.

AUTHOR: Leonov, K.F., Engineer

28-58-2-20/41

TITLE: New Automobile Glass (Novoye avtomobil'noye steklo)

PERIODICAL: Standartizatsiya, 1958, Nr 2, pp 47 - 48 (USSR)

ABSTRACT: The short note contains information on the "GOST 8437-57" standard for non-splintering three-layer automobile glass on butafol lining, replacing the "GOSTs" 1655-51, 5615-50 and 7051-54 since January 1, 1958. The new glass retains its properties at low temperatures, unlike the glass on celluloid lining. The butafol film adheres firmly to the glass without intermediate means. When tested by a 800 g steel ball dropped from 1 m height, the glass must not shatter into pieces, but circular cracks are permitted. Its light-conducting capacity is 84%. It will be produced in thicknesses of 4.5, 5.5, 6 and 6.5 mm. The guaranteed life is 3 years.

ASSOCIATION: Komitet standartov, mer i izmeritel'nykh priborov (Committee of Standards, Measures and Measuring Devices)

AVAILABLE: Library of Congress

Card 1/1

1. Laminated glass-Standards 2. Standardization-USSR

AUTHOR: Leonov, K.F., Engineer

28-58-3-26/39

TITLE: Polished Silicate Glass (Silikatnoye polirovannoye steklo)

PERIODICAL: Standartizatsiya, 1958, Nr 3, p 72 (USSR)

ABSTRACT: This is a short note giving information on the regulations introduced by the new "GOST 8688-58" standard for polished silicate glass, which comes into effect on 1 Sept 1958. The information concerns the size and thickness of glass; the condition of the surface, the permissible stresses (measured by the value of double refraction), and the degree of chemical resistance. The glass by this standard belongs to the category of hard, apparatus glass.

ASSOCIATION: Komitet standartov, mer i izmeritel'nykh priborov (Committee of Standards, Measures, and Measuring Devices)

Card 1/1

1. Glass--Standards

AUTHOR: Leonov, K.F., Engineer SOV/28-58-6-29/34

TITLE: Electrotechnical Glass Tubes (Elektrotekhnicheskiye steklyannyye truby)

PERIODICAL: Standartizatsiya, 1958, Nr 6, p 85 (USSR)

ABSTRACT: Since 1 September 1958, the State Standard GOST 8738-58 "Electrotechnical Glass Tubes" has been in effect. It covers glass tubes 1.25 to 3 m long with inner diameters of 9-50 mm. The tubes are used for laying electric wires in houses, plants, agricultural establishments, etc.

ASSOCIATION: Komitet standartov, mer i izmeritel'nykh priborov (Committee of Standards, Measures and Measuring Devices)

Card 1/1

LEONOV, K.F.

Glass for ship portholes. Standartizatsia 24 no.8:45-46 Ag
'60. (MIRA 13:9)
(Glass, Safety--Standards)

LEONOV, K.F.

Checking the quality of polished glass. Standartizatsiya 25 no.3:41-43
Mr '61. (MIRA 14:3)

(Plate glass--Testing)

LEONOV, K.F.

Accelerate the output of equipment for glass fiber plants.
Standartizatsiia 26 no.2:39-40 F '62. (MIRA 15:2)
(Glass fiber industry--Equipment and supplies)

LEONOV, K.F.

Glass containers. Standartizatsiia 26 no.8:52 Ag '62.
(MIRA 15:8)

(Glassware—Standards)

LEONOV, K.F.

Quality of articles made of glass fibers. Standartizatsia
26 no.9:60 S '62. (MIRA 15:9)
(Glass fibers--Standards)

S/028/62/000/002/003/004
D223/D303

AUTHOR: Leonov, K.R.

TITLE: Speed up the production of equipment for glass fiber plants

PERIODICAL: Standartizatsiya, no. 2, 1962, 39-40

TEXT: The author describes the various applications of glass fibers, stating that no other technical material has greater strength per unit of weight. The industry has introduced methods for reducing breakages of glass fiber in the process of its production etc. The danger exists that new factories at Valmiyer, Ufa, Astrakhan' will have old-fashioned textile machines, not adapted to special features of glass fiber treatment. There is no factory specializing in the production of textile machines for glass fiber industry. The factory 'Tashtekstil mash' has been late in the mass production of modern textile machines of high quality. The prototypes were made in 1959, but mass production has not started so far. The Committee of Standards indicates that machine tools of Uzbek factory must accelerate its mass production.

Card 1/1

LEONOV, K.Ye.; ROYTBORD, A.S.

Organization and leadership of technical ship operations at the
"Krasnyi Flot" maintenance and operations base. Rech.transp.16
no.7:11-14 J1 '57. (MLRA 10:9)

1. Nachal'nik remontno-ekspluatatsionnoy bazy "Krasnyy flot"
(for Leonov).

(Rostov-on-Don--Ships--Maintenance and repair)

LEONOV, Leonid.

In defense of a green friend. IUn.nat.no.1:14-15 Ap '56.
(Trees) (MIRA 9:9)

LEONOV, Leonid, pisatel', laureat Leninskoy premii; NOGINA, N., inzhener;
Lopukhov, Ye., inzhener.

Let us protect our forests. Tekh.mol. 25 no.8:5-6 Ag '57.
(MLRA 10:9)

(Forest protection)

LEONOV, Leonid; RYABININ, Boris

Always the same subject: man, soul, and..."bugs." Nauka i zhizn'
28 no.8:38-39 Ag '61. (MIRA 14:8)
(Animals, Treatment of)

LEONOV, Leonid; RYABININ, Boris

Answers to our mail or the final paragraph of our article on
"bugs..." Nauka i zhizn' 29 no.11:34-36 N '62. (MIRA 16:1)
(Wild life, Conservation of)

LEONOV, L. F.

USSR/Chemistry - Aerosols

Dec 51

"The Effect of Moisture Dificiency on the Speed of Coagulation of Water Aerosol," P. S. Prokhorov, B. V. Deryagin, L. F. Leonov, Lab of Surface Forces, Inst Phys Chem, Acad Sci USSR

"Dok Ak Nauk SSSR" Vol LXXXI, No 4, pp 637-740

Coagulation of droplets is retarded if the surrounding atm is not satd with the vapor of the droplets. This is confirmed experimentally. Coagulation is shown graphically to decrease with increased dryness of surrounding air.

202T25